frivol

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Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

frivol::Array< T >
Simple fixed-size array of elements of type T 3

Chapter 2

Class Documentation

2.1 frivol::Array< T > Class Template Reference

Simple fixed-size array of elements of type T.

`#include <array.hpp>`

Public Member Functions

- Array (Idx size)
- Idx getSize () const

  Returns the size of the array.

- const T & operator[] (Idx index) const
- T & operator[] (Idx index)

2.1.1 Detailed Description

template<typename T>class frivol::Array< T >

Simple fixed-size array of elements of type T.

2.1.2 Constructor & Destructor Documentation

2.1.2.1 template<typename T > frivol::Array< T >::Array (Idx *size*)

Creates an array with all elements default-constructed.

Parameters

size	The size of the array.

2.1.3 Member Function Documentation

2.1.3.1 template<typename T > const T & frivol::Array< T >::operator[] (Idx *index*) const

Returns reference to an element in the array.

Parameters

index	The zero-based index of the element.

Exceptions

std::out_of_range	if FRIVOL_ARRAY_BOUNDS_CHECKING is defined and 'index' overflows.

2.1.3.2 template<typename T > T & frivol::Array< T >::operator[] (Idx *index*)

Returns reference to an element in the array.

Parameters

index	The zero-based index of the element.

Exceptions

std::out_of_range	if FRIVOL_ARRAY_BOUNDS_CHECKING is defined and 'index' overflows.

The documentation for this class was generated from the following files:

- /home/topi/unison/Asiakirjat/frivol/frivol/array.hpp
- /home/topi/unison/Asiakirjat/frivol/frivol/array_impl.hpp